

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-16 (Canceled)

17. (Original) A method for manufacturing high strength hot dip zinc-coated steel sheet comprising the steps of: hot-rolling a steel slab consisting essentially of 0.01 to 0.3% C, 0.7% or less Si, 1 to 3% Mn, 0.08% or less P, 0.01% or less S, 0.08% or less sol.Al, and 0.007% or less N, by weight, at temperatures of A_r_3 transformation point or above; cooling the hot-rolled steel sheet within 2.5 seconds down to the temperatures of from above 500°C to 700°C at average cooling speeds of 100°C/sec or more, followed by coiling the cooled steel sheet; and picking or pickling and cold-rolling the coiled steel sheet, then annealing thereto in a continuous hot dip zinc-coating line at temperatures of 720°C or above to perform zinc coating.

18. (Original) The method for manufacturing high strength hot dip zinc-coated steel sheet of claim 17, wherein the steel slab further contains at least one element selected from the group consisting of 0.005 to 0.5% Nb, 0.005 to 0.5% Ti, and 0.0002 to 0.005% B.

19. (Original) The method for manufacturing high strength hot dip zinc-coated steel sheet of claim 17, wherein the steel slab further contains at least one element selected from the group consisting of 0.01 to 1% V, 0.01 to 1% Cr, and 0.01 to 1% Mo.

20. (Original) The method for manufacturing high strength hot dip zinc-coated steel sheet of claim 18, wherein the steel slab further contains at least one element selected from the group consisting of 0.01 to 1% V, 0.01 to 1% Cr, and 0.001 to 1% Mo.

21. (Original) The method for manufacturing high strength hot dip zinc-coated steel sheet of claim 17, wherein the steel sheet after completed the hot-rolling is cooled in a period of from more than 0.5 second to 2.5 seconds at average cooling speeds of 100°C/sec or more.

22. (Original) The method for manufacturing high strength hot dip zinc-coated steel sheet of claim 18, wherein the steel sheet after completed the hot-rolling is cooled in a period of from more than 0.5 second to 2.5 seconds at average cooling speeds of 100°C/sec or more.

23. (Original) The method for manufacturing high strength hot dip zinc-coated steel sheet of claim 19, wherein the steel sheet after completed the hot-rolling is cooled in a period of from more than 0.5 second to 2.5 seconds at average cooling speeds of 100°C/sec or more.

24. (Original) The method for manufacturing high strength hot dip zinc-coated steel sheet of claim 20, wherein the steel sheet after completed the hot-rolling is cooled in a period of from more than 0.5 second to 2.5 seconds at average cooling speeds of 100°C/sec or more.

25. (Currently Amended) A method for manufacturing high strength steel sheet comprising the steps of: hot-rolling a continuously cast slab consisting essentially of 0.05 to 0.2% C, 0.15% or less

Si, 0.4 to 2.0% Mn, 0.025% or less P, 0.005% or less O, ~~0.01%~~
0.05% or less S, 0.006% or less N, and 0.004% or less Sn, by
weight, and having $Mn/S \geq 50$ at temperatures of Ar_3
transformation point or above directly or after reheating the
slab; and cooling the hot-rolled steel sheet down to the
temperatures of from 400°C to 700°C at cooling speeds of from
[[20]] 120 to 2,000°C/sec, followed by coiling the cooled steel
sheet.

26. (Original) The method for manufacturing high strength steel
sheet of claim 25, wherein the continuously cast slab further
contains 0.005% or less Ca.

27. (Original) The method for manufacturing high strength steel
sheet of claim 25, wherein the reduction in thickness at the
final stand during hot-rolling is in a range of from 8 to 30%.

28. (Original) The method for manufacturing high strength steel
sheet of claim 26, wherein the reduction in thickness at the
final stand during hot-rolling is in a range of from 8 to 30%.

29. (Original) The method for manufacturing high strength steel sheet of claim 25, wherein the cooling starts in a period of from more than 0.1 second to less than 1.0 second after completed the hot-rolling.

30. (Original) The method for manufacturing high strength steel sheet of claim 26, wherein the cooling starts in a period of from more than 0.1 second to less than 1.0 second after completed the hot-rolling.

31. (Original) The method for manufacturing high strength steel sheet of claim 27, wherein the cooling starts in a period of from more than 0.1 second to less than 1.0 second after completed the hot-rolling.

32. (Original) The method for manufacturing high strength steel sheet of claim 28, wherein the cooling starts in a period of from more than 0.1 second to less than 1.0 second after completed the hot-rolling.

33. (Original) The method for manufacturing high strength steel sheet of claim 25 further comprising the steps of cold-rolling then annealing the coiled steel sheet.

34. (Original) The method for manufacturing high strength steel sheet of claim 26 further comprising the steps of cold-rolling then annealing the coiled steel sheet.

35. (Original) The method for manufacturing high strength steel sheet of claim 27 further comprising the steps of cold-rolling then annealing the coiled steel sheet.

36. (Original) The method for manufacturing high strength steel sheet of claim 28 further comprising the steps of cold-rolling then annealing the coiled steel sheet.

37. (Original) The method for manufacturing high strength steel sheet of claim 29 further comprising the steps of cold-rolling then annealing the coiled steel sheet.

38. (Original) The method for manufacturing high strength steel sheet of claim 30 further comprising the steps of cold-rolling then annealing the coiled steel sheet.

39. (Original) The method for manufacturing high strength steel sheet of claim 31 further comprising the steps of cold-rolling then annealing the coiled steel sheet.

40. (Original) The method for manufacturing high strength steel sheet of claim 32 further comprising the steps of cold-rolling then annealing the coiled steel sheet.